

ABSTRACT

A flow sensor for an analytical instrument. The flow sensor can be used to detect the flow of a fluid such as purge gas in the instrument. The sensor can measure the fluid flow at an opening of the instrument enclosure. The sensor has first and second differential pressure switches connected in series. The sensor has a sealed chamber which is in the opening. Bordering the sealed chamber are first and second restrictors through which the fluid can flow. A sensing tube transfers the pressure in the sealed chamber to the first and second switches.

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